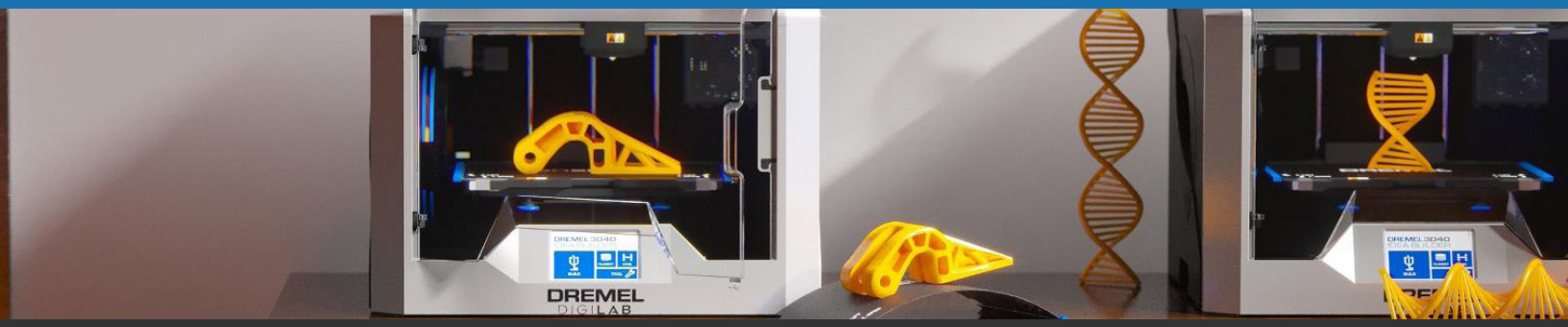
DREMEL DIGILAB

palmer HAMILTON



DREMEL IDEA BUILDER 3D PRINTING

NC3's DREMEL Idea Builder 3D Printing Certification was created to jumpstart students' imaginations on future career choices and develop interest in STEM-related programs.

PROGRAM GOALS

- Help students get certified in the basics of setup, functionality, operation, troubleshooting and essential design software
- Teach students to create the connection between Digital Ideation and Physical Building
- Create project-based learning where students develop real-world skills
- Teach problem solving and teamwork, while enabling teachers to incorporate real-world technology into the classroom
- Align standards to Common Core, CCSS, NSS, and other state-specific standards to ensure specific learning objectives

NC3 CERTIFICATIONS

Receive industry-validated NC3 certifications as proof of skills achievement that can offer enhanced employment potential and higher productivity across multiple industries including but not limited to:

- Aviation
- Building Trades
- Energy
- Engineering
- Health Care
- Manufacturing
- Transportation

STUDENT BENEFITS

- Student access and understanding of Dremel-approved equipment and easy-to-use DigiLab software
- Ability to demonstrate the difference between constructive and destructive manufacturing processes
- Student access to Dremel and Makerspace Labs across the world which helps to gain exposure to other companies' products and ultimately lead to future employment
- Engage with community and local employers to participate in active labs, projects and live work

SCHOOL BENEFITS

- Access to training materials and equipment on STEM-related projects
- Partner with Dremel, a globally-recognized brand leader in printing technology
- Dremel 3D45 is quiet and UL Safety Certified to ensure a worry-free classroom experience
- Cost savings with the ability to connect several DigiLab devices to one computer or one computer to multiple 3D Printers and Laser Cutters
- Provide opportunity for community engagement
- Local employer opportunity to engage in active labs, projects and live work with students

NATIONAL COALITION OF CERTIFICATION CENTERS nc3

Dremel is a proud partner with Palmer Hamilton and the National Coalition of Certification Centers (NC3). Dremel Certifications are developed and administered by NC3 and are compatible with other industry-recognized certifications.

www.NC3.net